

## **Thanks to you, NeRWA now has a new freeze kit!**

**By Russ Topp, Circuit Rider**

As most of you know, Nebraska Rural Water Association has a fairly extensive inventory of equipment. Almost all of this equipment is a result of the generous donations given to us by you, our membership. With a portion of those funds we have purchased a new freeze kit.

This freeze kit uses liquid CO<sub>2</sub> (dry ice) to freeze a water line so that repairs can be performed downstream. Nebraska Rural Water Association would appreciate a donation to cover the price of the CO<sub>2</sub> or you can have the appropriate amount of CO<sub>2</sub> on hand at the site. This kit can freeze water lines, plastic or metal, from 1/8 inch up to 2 inch lines. Provided you have enough liquid CO<sub>2</sub>, you can keep the line frozen as long as necessary to perform the appropriate repairs. To freeze a water line it is imperative that the water remain still in the line until the line is frozen. It is possible to freeze a broken service line provided you are able to kink or hammer the line shut to stop the flow, freeze the line and then make the appropriate repairs.

This new freeze kit uses a fraction of the CO<sub>2</sub> that the old one used so it will be much more economical to use.

If you have any service lines that need to be repaired or replaced and would like to use this kit, please let us know. We will make arrangements to either freeze the lines for you or train you so you can freeze them and make the repairs at your convenience.